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**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q82144

Hiroshi OKAZAKI

Appln. No.: 10/564,819

Group Art Unit: 1649

Confirmation No.: 3159

Examiner: Not Yet Known

Filed: January 18, 2006

For: OLIGODENDROCYTE PRECURSOR CELLS AND METHODS OF OBTAINING AND CULTURING THE SAME

**REQUEST FOR CORRECTED OFFICIAL FILING RECEIPT**

**ATTN:** Office of Initial Patent Examination

Filing Receipt Correction

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

We enclose a copy of the Official Filing Receipt for the above-identified application and request the following corrections:

**a) Independent Claims:** [11] 2

**b) Assignment for Published Patent Application:** Otsuka Pharmaceutical CO., LTD.

**c) Filing or 371 Date:** [01/13/2006] 01/18/2006

Verification for the requested correction to a) above is supported by the claims filed with the application. While the Multiple Dependent Claim Worksheet downloaded from PAIR indicates that Claim 46 is Independent, a review of this claim on page 59 of the specification reveals that Claim 46 is Dependent upon Claim 1. Similarly, while the Multiple Dependent Claims worksheet indicates that claim 48 is Independent, a review of this claim on page 60 of the

REQUEST FOR CORRECTED OFFICIAL FILING RECEIPT  
U.S. Application No. 10/564,819  
Page 2

specification reveals that claim 48 is Dependent upon claim 46. Verification for the requested correction to b) above, is indicated on the executed Assignment, enclosed herewith along with a copy of PTO Form 1595. Verification for requested correction to c) above, is indicated on the Application Transmittal Letter, a copy of which is enclosed, along with a copy of the date-stamped filing receipt dated January 18, 2006.

Respectfully submitted,



Drew Hissong  
Registration No. 44,765

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

WASHINGTON OFFICE

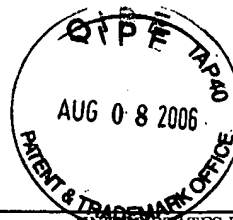
**23373**

CUSTOMER NUMBER

Date: August 8, 2006



## UNITED STATES PATENT AND TRADEMARK OFFICE



UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/564,819	01/13/2006 <u>01/18/2006</u>	1649	5210	Q82144	13	60	119

CONFIRMATION NO. 3159

23373  
SUGHRUE MION, PLLC  
2100 PENNSYLVANIA AVENUE, N.W.  
SUITE 800  
WASHINGTON, DC 20037

## FILING RECEIPT



\*OC000000018596382\*

Date Mailed: 04/24/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Hiroshi Okazaki, Potomac, MD;

Assignment for Published Patent Application  
Otsuka Pharmaceutical CO., LTD.

Power of Attorney: The patent practitioners associated with Customer Number 23373.

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/IB04/02670 \*  
which claims benefit of 60/487,933 07/18/2003

(\*)Data provided by applicant is not consistent with PTO records.

## Foreign Applications

If Required, Foreign Filing License Granted: 04/21/2006

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/564,819**

Projected Publication Date: 08/03/2006

Non-Publication Request: No

Early Publication Request: No

## Assignment

Whereas, I/We, OKAZAKI, Hiroshi of 11712 Ambleside Drive, Potomac, Maryland 20854, hereinafter called assignor(s), have invented certain improvements in OLIGODENDROCYTE PRECURSOR CELLS AND METHODS OF OBTAINING AND CULTURING THE SAME and executed an application for Letters Patent of the United States of America therefor on January 17th, 2006; and

Whereas, OTSUKA PHARMACEUTICAL CO., LTD., 2-9 Kanda Tsukasa-cho, Chiyoda-ku, Tokyo, Japan (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number \_\_\_\_\_ and Confirmation number \_\_\_\_\_, filed \_\_\_\_\_) the application number and filing date of said application when known.

Date:

January 17th, 2006  
s/OKAZAKI, Hiroshi

[Signature]

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

1/D

581-47

01-26-2006

AP15 Rec'd PCT/TO 18 JAN 2006

Q82144

MODIFIED Form PTO-1595  
(Rev. 10/02)



SHEET

U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office

103165404

Attached original documents or copy thereof.

To the Director of the U.S. P

1. Name of conveying party(ies):  
Hiroshi OKAZAKI

2. Name and address of receiving party(ies):  
OTSUKA PHARMACEUTICAL CO., LTD.  
2-9, Kanda Tsukasa-cho, Chiyoda-ku,  
Tokyo, Japan

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: January 17, 2006

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: January 17, 2006

A. Patent Application No.(s)  
Not Yet Assigned

B. Patent No.(s)  
Not Yet Assigned

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

SUGHRUE MION, PLLC

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41): \$40.00

☒ Enclosed.

☐ Authorized to be charged to Deposit Account No. 19-4880.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

8. Deposit Account Number:

19-4880

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Drew Hissong

Reg. No. 44,765

January 18, 2006

Date

Total number of pages including cover sheet, attachments, and documents: 2

Mail documents to be recorded with required cover sheet information to:

MAIL STOP ASSIGNMENT RECORDATION SERVICES

Director of the U.S. Patent and Trademark Office

P.O. Box 1450

Alexandria, VA 22313-1450

01 20/2006 GFREY1 00000111 10564819

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40.00 DP



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January 18, 2006

**MAIL STOP PCT**

Commissioner for Patents  
P.O. BOX 1450  
Alexandria, VA 22313-1450

PCT/IB2004/002670.  
-filed July 19, 2004

Re: Application of Hiroshi OKAZAKI  
OLIGODENDROCYTE PRECURSOR CELLS AND METHODS OF  
OBTAINING AND CULTURING THE SAME  
Assignee: OTSUKA PHARMACEUTICAL CO., LTD.  
Our Ref: Q82144

JAN 18 2006

Dear Sir:

The following documents are submitted herewith in connection with the above application for the purpose of entering the National stage under 35 U.S.C. §371 and in accordance with the Patent Cooperation Treaty:

- ☒ a copy of the executed Declaration and Power of Attorney.
- ☒ a copy of the International Application.
- ☒ thirteen (13) sheets of drawings (Figs. 1-8C).
- ☒ a copy of Notification Concerning Submission or Transmittal of Priority Document.
- ☒ a copy of the executed Assignment and PTO 1595 form.
- ☒ an Information Disclosure Statement and a copy of the ISR.
- ☒ a PTO/SB/08 A & B (modified) listing the ISR references.
- ☒ a copy of each reference cited in the ISR.
- ☒ Preliminary Amendment.

In addition to the documents submitted herewith, it is assumed that copies of the International Application, the International Search Report and cited references, the International Preliminary Examination Report, and any Articles 19 and 34 amendments as required by §371(c) will be supplied directly by the International Bureau, but if further copies are needed, the undersigned will undertake to provide them upon request.

It is expressly requested that the national stage of processing be commenced immediately in accordance with 35 U.S.C. § 371(f).

National Stage of PCT/IB2004/002670

The Government filing fee is calculated as follows:

Total claims	<u>67</u>	-	20	=	<u>47</u>	x	\$50.00	=	\$2350.00
Independent claims	<u>9</u>	-	3	=	<u>6</u>	x	\$200.00	=	\$1200.00
Base Fee									\$300.00
Search Fee*									\$100.00
Examination Fee*									\$200.00
Multiple Dependent Claim Fee									\$360.00
<b>Total Filing Fee</b>									<b>\$4510.00</b>
<b>Recordation of Assignment</b>									<b>\$40.00</b>
<b><u>TOTAL FEE</u></b>									<b><u>\$4550.00</u></b>

\*The international search fee for all claims was paid to the USPTO, as the ISA.

Checks for the statutory filing fee of \$4510.00 and recordation of Assignment fee of \$40.00 are attached. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this transmittal letter is attached.

Benefit is claimed from:

<u>Country</u>	<u>Application No</u>	<u>Filing Date</u>
U.S. Provisional	60/487,933	July 18, 2003

Respectfully submitted,



Drew Hissong  
Registration No. 44,765

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

Date: January 18, 2006

REQUEST FOR EARLY NOTIFICATION

National Stage of PCT/IB2004/002670 filed July 1, 2005

23

Inventor(s): Hiroshi OKAZAKI

Title: OLIGODENDROCYTE PRECURSOR CELLS AND METHODS  
OF OBTAINING AND CULTURING THE SAME

Atty Doc. #: Q82144 Client: OTSUKA PHARMACEUTICAL CO., LTD.

Filing Date: January 18, 2006 # Pgs. Spec/Abst: 62/1 #Claims: 60

# Dwg. Sheets: 13 Decl Yes (3 pages) Prelim Amdt Yes

IDS/Prior Art: Yes Pr Doc: No Asgmt: Yes Fee: \$4510/40

Form PCT/IB/304 Form PTO-1595

☒ Check Attached ☐ Charge to Deposit # 19-4880 Atty/Sec: DXH/mt

SERIAL NO.:

CONF NO.:





**MULTIPLE DEPENDENT CLAIM  
FEE CALCULATION SHEET**  
(FOR USE WITH FORM PTO-875)

SERIAL NO.

10/564819

FILING DATE

APPLICANT(S)

**CLAIMS**

	AS FILED		AFTER 1 <sup>st</sup> AMENDMENT		AFTER 2 <sup>nd</sup> AMENDMENT	
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	AS FILED		AFTER 1 <sup>st</sup> AMENDMENT		AFTER 2 <sup>nd</sup> AMENDMENT	
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